

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	"3068507"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 12:55
L2	5	("3068507").URPN.	USPAT	OR	ON	2008/01/15 13:04
L3	1	("1380358").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/15 13:04
L4	1	("4218016").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/15 13:04
L5	15	("0860523"   "3068507"   "3784101"   "Re28769").PN. OR ("4218016").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 13:04
S1	100	("5368095" "6206433" "3554182" "3557761" "3655225" "3747586" "3798006" "3913544" "3941105" "3977375" "4123233" "5035211" "5156120" "5901742" "6718889" "6886506" "20050125930" "3575152" "3598375" "3626876" "3633886" "3685950" "3704748" "3712022" "3775979" "3791350" "3801212" "3885529" "3893810" "3913699" "3916622" "3926582" "3961587" "3976087" "3989103" "4034968" "4053544" "4072131" "4082145" "4106453" "4131432" "4170964" "4177640" "4177861" "4179884" "4183330" "4183896" "4188183" "4190416" "4207738" "4211305" "4241874" "4251025" "4255927" "4300512" "4326845" "4376637" "4377072" "4378206" "4387429" "4395468" "4400945" "4424784" "4426037" "4473350" "4579067" "4583494" "4645450" "4672918" "4672926" "4729734" "4747772" "4780076" "4884534" "4894984" "4894995" "4910959" "4919109" "4974413" "5020452" "5022371" "5098282" "5102329" "5142999" "5205276" "5209217" "5255658" "5261359" "5309881" "5325842" "5380191" "5388398" "5392750" "5402635" "5462043" "5479913" RE35382 "5598824" "5649512" "5680839" ).pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/15 10:04
S2	2	((("2972502") or ("5494004")).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 10:43
S3	4	("2972502").URPN.	USPAT	OR	ON	2008/01/14 10:45

## EAST Search History

S4	14	((("0425338") or ("0730138") or ("1010028") or ("1116776") or ("1327630") or ("1599283") or ("1605730") or ("1780435") or ("1857188") or ("2219011") or ("2272686") or ("2477334") or ("2616766") or ("2730842"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 10:51
S5	1	("3216046").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 10:52
S6	1	("4095935").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 10:54
S7	1	("2668978").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 10:54
S8	1	("5950572").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 10:56
S9	6	flatness-Scott\$.in.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 12:28
S10	1	"20040112306"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 10:58
S11	1	("6684823").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 10:58
S12	4	((("3210046") or ("4095935") or ("2668978") or ("5950572"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 12:29
S13	4	((("3216046") or ("4095935") or ("2668978") or ("5950572"))).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 13:53
S14	1	("6684823").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 12:31
S15	16	("3738290"   "4368677"   "4497282"   "4923374"   "4926798"   "4959009"   "4980674"   "5056587"   "5092280"   "5123835"   "5176513"   "5211135"   "5494004"   "5769034"   "6161506"   "6210149").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 12:31
S16	7	("3216046").URPN.	USPAT	OR	ON	2008/01/14 13:03

## EAST Search History

S17	37	("2442045"   "2696016"   "2722032"   "2722033"   "2902707"   "2948013"   "3216046"   "3230568"   "3604050"   "3827102"   "4165552"   "4207648"   "4222144"   "4351082"   "4487165"   "4492187"   "4803959"   "4996951"   "5065472"   "5097564"   "5337438"   "5337441"   "5341406").PN. OR ("5619771"). URPN.	US-PGPUB; USPAT; USOCR.	OR	ON	2008/01/14 13:04
S18	21	("2760222"   "2803848"   "2883694"   "3068507").PN. OR ("3604050").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:11
S19	3	("3604050"   "4207648").PN. OR ("4375710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:18
S20	2	431/1.ccls. and (spring same recoil)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:20
S21	128	431/1.ccls. and (spring)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 13:20
S22	1	("5494004").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 13:44
S23	5	((("6684823") or ("5065472") or ("4492187") or ("4375710") or ("3068507")).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 13:48
S24	1	("3439376").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 13:48
S25	1	("5494004").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 13:59
S26	3	"431"/\$.ccls. and detonation same spring same recoil	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:00
S27	4	"431"/\$.ccls. and combustion same spring same recoil	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:02
S28	331	combustion same spring same recoil	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 15:21
S29	3	"122"/\$.ccls. and combustion same spring same recoil	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:08
S30	1	("5031691").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 14:10

## EAST Search History

S31	5	((("6684823") or ("5065472") or ("4492187") or ("4375710") or ("3068507")).PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 14:13
S32	1	("2972502").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 14:15
S33	1	("5494004").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 14:15
S34	24	("3782336"   "4209028"   "4827953"   "5031691"   "5092280"   "5194217").PN. OR ("5494004").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:24
S35	1	("5950572").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/14 14:24
S36	11	("4099471"   "4177036"   "4336086"   "4411621"   "4523531"   "4524702"   "4640202"   "5088262"   "5238055"   "5320073"   "5332116").PN. OR ("5950572").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 14:24
S37	3	("1599283").URPN.	USPAT	OR	ON	2008/01/14 15:03
S38	2	("1010028").URPN.	USPAT	OR	ON	2008/01/14 15:10
S39	79	resilient near chain	USPAT	OR	ON	2008/01/14 15:10
S40	45	resilient near chain and spring	USPAT	OR	ON	2008/01/14 15:12
S41	84	elastic near chain and spring	USPAT	OR	ON	2008/01/14 15:12
S42	18	combustion same (tension near spring) same recoil	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/14 15:21
S43	8	("1380358").URPN.	USPAT	OR	ON	2008/01/14 15:23
S44	1	("1599283").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/15 12:55